

**ARIZONA GAME AND FISH DEPARTMENT
HERITAGE DATA MANAGEMENT SYSTEM**

Plant Abstract

Element Code: PDCAR04010

Data Sensitivity: No

CLASSIFICATION, NOMENCLATURE, DESCRIPTION, RANGE

NAME: *Arenaria aberrans*

COMMON NAME: Mt. Dellenbaugh sandwort

SYNONYMS:

FAMILY: Caryophyllaceae

AUTHOR, PLACE OF PUBLICATION: M.E. Jones, Contr. W. Bot. 16: 37. 1930.

TYPE LOCALITY: Mount Dellenbaugh, Arizona.

TYPE SPECIMEN: Cottam 4159.

TAXONOMIC UNIQUENESS: One of 20 species in the genus *Arenaria* that occurs throughout most of the US. However, the species *aberrans* only occurs in Arizona. Arizona specimens were previously referred to *A. capillaries* Poir., a closely related species, and to *A. aculeate* Wats. (Kearney and Peebles, 1951).

DESCRIPTION: Glandular-pubescent plant, 3-15 cm (1.2-6.0 in) tall, with several branched stems from a somewhat woody caudex. Leaves are mostly basal with 1 or more pairs on the stem, linear-subulate, rigid and pungent, 5-20 mm long. Plants have few- to several-flowered open cymes, with slender pedicels, mostly 10-15 mm long, glandular-pubescent. Sepals are ovate, obtuse, scarious-margined, about 3 mm long. White petals are narrowly oblong, and longer than the sepals. Capsules are usually 7-9 mm long. (McDougall, 1973).

AIDS TO IDENTIFICATION:

ILLUSTRATIONS: Color photo (Stockert *in* Rickett, 1970: plate 83).

TOTAL RANGE: North and north-central Arizona in Coconino, Mohave, and Yavapai counties, and possibly Gila County.

RANGE WITHIN ARIZONA: See "Total Range."

SPECIES BIOLOGY AND POPULATION TRENDS

GROWTH FORM: Perennial forb/herb, shrub, or subshrub.

PHENOLOGY: Flowers May to July.

BIOLOGY:

HABITAT: Occurs mainly in oak and pine forests. Also found in open pine and pine-pinyon woodlands, and among junipers.

ELEVATION: 5,500 to 9,000 ft (1678-2745 m).

EXPOSURE: South, north and northeast facing aspects.

SUBSTRATE: Basaltic soil in Yavapai County, and sandy soil in north Coconino County.

PLANT COMMUNITY: Unknown

POPULATION HISTORY AND TRENDS: Unknown

SPECIES PROTECTION AND CONSERVATION

ENDANGERED SPECIES ACT STATUS:

None

STATE STATUS:

None

OTHER STATUS:

Forest Service Sensitive (USDA, FS Region 3
1999)

MANAGEMENT FACTORS:

PROTECTIVE MEASURES TAKEN:

SUGGESTED PROJECTS:

LAND MANAGEMENT/OWNERSHIP: Most likely BLM and USFS.

SOURCES OF FURTHER INFORMATION

REFERENCES:

Integrated Taxonomic Information System (ITIS). Retrieved 7/20/2004 from ITIS,
<http://www.itis.usda.gov>.

Kearney, T.H., R.H. Peebles with collaborators. 1951. Arizona flora. Second edition with supplement by J.T. Howell, E. McClintock and collaborators. 1960. University of California Press. Berkeley, California. P. 297.

- McDougall, W.B. 1973. Seed Plants of Northern Arizona. The Museum of Northern Arizona. Flagstaff, Arizona. P. 169.
- Missouri Botanical Garden – TROPICOS, Nomenclatural Data Base. *Arenaria aberrans* M.E. Jones. http://mobot.mobot.org/cgi-bin/search_vast. Accessed: 29 July 2004.
- Rickett, H.W. 1970. Wild Flowers of the United States, The Southwestern States. Volume Four, Part Two of Three Parts. W.C. Steere, General Editor. The New York Botanical Garden, McGraw-Hill Book Company. New York. P. 252.
- SEINet. Collections Search Result. Accessed 7/20/2004 at <http://seinet.asu.edu/collections/list.jsp>.
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- USDA, Forest Service Region 3. 1999. Regional Forester's Sensitive Species List.
- USDA, NRCS. 2004. The PLANTS Database, Version 3.5 (<http://plants.usda.gov>). National Plant Data Center, Baton Rouge, LA 70874-4490 USA.

MAJOR KNOWLEDGEABLE INDIVIDUALS:**ADDITIONAL INFORMATION:**

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